Bruhat Bangalore Mahanagara Palike
Excecutive Engineer Yelahanka Division

Name of Work: Providing of Water supply UGD Security Room and other Developmental works to Vidyaranyapura Swimming Pool in ward no 09 Vidyaranyapura

Draft Tender Schedule

Sl No	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
1	Earth work excavation for foundation of structures by mechanical means as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom, backfilling the excavation earth to the extent required and utilising / transporting the remaining earth locally upto 1.00km lead. (Depth upto 3.00 Mts) - Marshy soil- (Page No 7 Item 2.23.4)	Cum	355.90	338.04	Rupees Three Hundred Thirty Eight And Paise Four Only
2	KSRB 2.6 Providing and filling sand in foundtion to requeried depth to sub soil treatment including watering ,ramming with lead and lift complete as per specification Item no KBS 2.10.2 SR	Cum	37.05	2224.80	Rupees Two Thousand Two Hundred Twenty Four And Paise Eighty Only
3	KSRB 2.5 Earthwork excavation in all soil deposits and filling sides of foundation upto plinth in all layers not exceeding 20cms in depth compacting each deposited layer by ramming after watering with all lead left including cost of all labour complete as per specification No KBS 2.9.9/2.9.10.1/2.1.1	Cum	236.60	435.24	Rupees Four Hundred Thirty Five And Paise Twenty Four Only
4	KSRB 17.1 and 17.2 Transportation of excavated earth by mechanical means including loading and unloading with a lead of 20 kmtr and dispersing the same as directed.including all lead and lift complete as per the direction of engineer in charge	Cum	355.90	65.88	Rupees Sixty Five And Paise Eighty Eight Only
5	KSRB 2.8 Providing and filling in foundation with granite / trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift complete as per specification. including all lead and lift complete as per the direction of engineer in charge KBS 2.10.2	Cum	74.10	2623.32	Rupees Two Thousand Six Hundred Twenty Three And Paise Thirty Two Only
6	KSRB 4.1.2 Providing and laying in position Plain Cement Concrete of mix 1:3:6 with OPC cement @ 220kgs ,with 40mm and down size graded granite metal coarse aggregates @ 0 .892 cum and fine aggregates @ 0.465cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation including cost of all materials,labour, HOM of machinery ,curing complete as per specifications.including all lead and lift complete as per the direction of engineer in charge KBS 4.1and 4.2.	Cum	35.25	5609.52	Rupees Five Thousand Six Hundred Nine And Paise Fifty Two Only
7	KSRB 4.2.2 Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M-20 for RCC Works laid in 15 cms thick layers and well compacted vibrating, curing, for raft foundation column footing main and secondary beams with all lead and lifts etc. compelte (exclusive of cost of steel and fabrication charges) including all lead and lift complete as per the direction of engineer in charge KBS 4.1 and 4.6	Cum	37.05	6111.72	Rupees Six Thousand One Hundred Eleven And Paise Seventy Two Only

	Description of Item	Unit	Quantity	Rate, Rs	
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8	KSRB 4.2.7Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixedf concrete for RCC works laid in 15 cms thick layers and well compated including vibrating, curing,etc., with all lead and lifts etc complete(excluisive of cost of steel and fabrication charges) Ready Mixed Cement Concrete for Beams, Staircase and Roof with M-25(for Side Walls and Bottom) including all lead and lift complete as per the direction of engineer in charge KBS4.1 and 4.6	Cum	28.20	6528.60	Rupees Six Thousand Five Hundred Twenty Eight And Paise Sixty Only
9	KSRB 4.6.4 Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as Walls at any thickness, incluidng attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specfiications. including all lead and lift complete as per the direction of engineer in charge KBS 4.6.2	Sqm	84.00	386.64	Rupees Three Hundred Eighty Six And Paise Sixty Four Only
10	KSRB 4.6.5Providing and removing Centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of materials, labour complete as per specification and directions of the Engineer in charge. including all lead and lift complete as per the direction of engineer in charge KMS 4.6.2	Sqm	44.64	386.64	Rupees Three Hundred Eighty Six And Paise Sixty Four Only
11	KSRB 4.6.7 Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressuemers and lintles exceeding 1 m in depth incluidng cost of all materials, labour complete as per specifications. including all lead and lift complete as per the direction of engineer in charge KBS 4.6.2	Sqm	14.00	435.24	Rupees Four Hundred Thirty Five And Paise Twenty Four Only
12	KSRB 4.6.3 Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as roofs landings balconies and likes thickness upto 200 mm including cost of all materials labour complete as per specifications upto 3.50m from Ground level including all lead and lift complete as per the direction of engineer in charge KBS 4.6.2	Sqm	36.00	475.20	Rupees Four Hundred Seventy Five And Paise Twenty Only
13	Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses. including all lead and lift complete as per the direction of engineer in charge Page no 299 item no 38.30	Sqm	117.60	743.04	Rupees Seven Hundred Forty Three And Paise Four Only

	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
14	KSRB 15.3 Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as eper spec ifications including all lead and lift complete as per the direction of engineer in charge KSRB 15.3.10	Sqm	70.00	312.12	Rupees Three Hundred Twelve And Paise Twelve Only
15	KSRB 15.4 Extra for providing and mixing Waterproofing compound in cement plaster work at one kg per bag or in the proportion recomended by the manufacturers, for cement mortar 1:3, 12mm thick cost of materials complete as per specifications.including all lead and lift complete as per the direction of engineer in charge	Sqm	130.48	253.80	Rupees Two Hundred Fifty Three And Paise Eighty Only
16	KSRB15.3 Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherver required smooth rendering, : Providing and removing scaffolding, cost of materials, labour, curing complete as per specifications and direction of the Engineer in charge.For Outside Plastering including all lead and lift complete as per the direction of engineer in charge KSRB15.3.8	Sqm	60.48	281.88	Rupees Two Hundred Eighty One And Paise Eighty Eight Only
17	KSRB 15.3.Providing 12mm thick cement plaster in single coat with cement mortar 1:3 to to brick masonry ncluding rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials,labour, curing complete as per specifications. .including all lead and lift complete as per the direction of engineer in charge KSRB15.3.1	Sqm	39.60	227.88	Rupees Two Hundred Twenty Seven And Paise Eighty Eight Only
18	KSRB 14.7.1 Providing and laying M-15 cement concrete flooring, 60mm thick with metallic concrete hardner topping under layer of 45mm thick M-15 cement concrete using broken granite metal of 20mm and down size, and top layer 15mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt), including finishing cost of materials, labour, curing complete as per specifications. including all lead and lift complete as per the direction of engineer in charge KBS14.3page no 103	Sqm	12.00	258.12	Rupees Two Hundred Fifty Eight And Paise Twelve Only
19	KSRB 14.61Providing and laying Flooring using pre polished water cut/gang saw 19mm thick grey granite laid over bed of 20mm thick 1:4 cm and jointed with neat cement slutty mixed with pigment to match shade of granite slabs including laying POP on finished surfaqce and cleaning the surface including the cost of all m,aterials and laboutsd etc. complete as per specifications. including all lead and lift complete as per the direction of engineer in charge KSRB 14.61 page no 112	Sqm	547.35	2215.08	Rupees Two Thousand Two Hundred Fifteen And Paise Eight Only
20	Providing ACE paint to external walls of approved colour and shade over prime's coat.after brooming & cleaning the surface and applying two coats of ACE paint with cost of all material,labour,lead lift with loading unloading etc.complete as per direction of Engineer in charge of work.(Approved rates) including all lead and lift complete as per the direction of engineer in charge	Sqm	60.48	160.00	Rupees One Hundred Sixty Only

	Description of Item	Unit	Quantity	Rate, Rs	
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21	KSRB.15.106 Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers including cost of all materials cost oif labour and scaffolding etc complete as per the specifications including all lead and lift complete as per the direction of engineer in charge	Sqm	39.60	84.24	Rupees Eighty Four And Paise Twenty Four Only
22	KSRB15.15.1.1 Providing and applying painting in two coats with plastic Emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and as per the directions of the Engineer in charge.with primer.including all lead and lift complete as per the direction of engineer in charge	Sqm	39.60	93.96	Rupees Ninety Three And Paise Ninety Six Only
23	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods,or combination of M.S. flats and square rods as per approved design,drawing including cutting steel sections and welding the same torequired pattern with a coat of red lead primer, cost of materials, fixtures,labour and HOM of machinery complete as per specificationsPg No 32,Item No7.9	Sqm	914.76	102.60	Rupees One Hundred Two And Paise Sixty Only
24	KSRB 4.9.2 Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.TMT Bars Fe 500 including all lead and lift complete as per the direction of engineer in charge KBS 4.6.3	MT	2.56	76643.28	Rupees Seventy Six Thousand Six Hundred Forty Three And Paise Twenty Eight Only
25	KSRB 5.14 Providing and constructing precast concrete Solid Blocks with compressive strength not less than 35 kg/sqm with cement mortar 1:4 masonry (quion, jamb, closer blocks) with Solid Concrete Blocks of size 40x15x20cms confirming to I.S 2185/1965 in Superstructure including cost of all materials, labour charges, scaffolding, curing complete as per specifications. including all lead and lift complete as per the direction of engineer in charge KBS 5.4	Sqm	37.95	1029.24	Rupees One Thousand Twenty Nine And Paise Twenty Four Only

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26	KSRB 7.26 Supplying and fixing Pressed steel door frames size 125x65mmmanufactured from 1.25mm thick carbon steel or imported steel strips with mitred joints of 900 for door oprnings abd shutter made out of seasoned honned wood style of 30mm thick with rail of 160mm width top and side rails of 250mm width panel filling with 12mm thick particle board of exterior grade bonded with phenol formal dehide rasin and the shutter be root proof1 heat resistant guaranted against shrinkage warpage and such other defects for a period of 3years .This shall be as per approved drawings and specification and direction including cost of conveyance manufacturing ,painting with enamel paints 2 coats of over prime coat cost of labour for all items of works ,machinery equipment and all other incidental charges with lead ,lift loading and unloading etc .The Hollow portion of the frame to be filled to be filled with cement concrete 1:2:4 KSRB page no 42	Sqm	18.24	3466.80	Rupees Three Thousand Four Hundred Sixty Six And Paise Eighty Only
27	supply portable water for intial filling of main pool and baby pool ,balancing tank	Ltrs	4000000.00	0.10	Rupees And Paise Ten Only
28	supply of imporated chlorine granul for intial prepration and super chlorination and maintanance for one month	Kgs	400.00	600.00	Rupees Six Hundred Only
29	KSRB 37.2 Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1 :2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 ems. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineer-in - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) KSRB 37.2, Page 266, Item No 37.2)	Sqm	18.00	927.72	Rupees Nine Hundred Twenty Seven And Paise Seventy Two Only
30	KSRB 37. 3 Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint KSRB 37.2, Page 266, Item No 37.2)	Sqm	16.00	772.20	Rupees Seven Hundred Seventy Two And Paise Twenty Only
31	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint	Sqm	16.00	440.64	Rupees Four Hundred Forty And Paise Sixty Four Only
32	Submersible pump for sump Tank Mano black pump 2HP Item no 21 Page XLIII	Each	3.00	18715.32	Rupees Eighteen Thousand Seven Hundred Fifteen And Paise Thirty

	Description of Item	Unit	Quantity	Rate, Rs	
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33	CSRB 13.876 Providing & fixing Chorinated Poly Vinyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling and testing of joints complete.including all lead and lift complete as per the direction of engineer in charge 40mmm Dia	Mtr	105.00	466.56	Rupees Four Hundred Sixty Six And Paise Fifty Six Only
34	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100Volts as per IS-694:1990 & confirming to GTP of GROUP-B.3C X 4.0Sq.mm.Electrical CSR Page no 12/2.11.3 CSR 2014-15	Mtr	325.00	114.60	Rupees One Hundred Fourteen And Paise Sixty Only
35	Supplying of LED Floodlight with .....W System Power consumption pressure die cast aluminum housing with powder coating with IP 65 protection. 1, 200-275V voltage with electronic Driver, PF>0.9, should meet ANSI 2G Vibration test, Compliance to UL/CE with Class I. System rating shall be 50K hrs. @ Lumen maintenance of 70%, system efficacy > 80lm/w. Over load & Short circuit protection ensures reliable operation in spite of problem in output side. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with .....W System Power consumption. LED Efficiency>130lm/w at 1W & Fixture Efficiency >80lm/w with nominal CRI >75. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008. Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 5 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer.LED Floodlight 150W.Electrical CSR Page no 28/4.37.4 CSR 2014-15	No	28.00	24406.91	Rupees Twenty Four Thousand Four Hundred Six And Paise Ninety One Only
36	Supplying and fixing of Metal Socket set of 2pole and earth plugs and socket for incorporating SP and TP MCB (Without MCB). The entire plug and socket shall be mounted in a thermoplastic / powder coated metal box & wired Completely. TP & N 30Am .Electrical CSR Page no 50/6.43.4 CSR 2014-15	No	2.00	1670.81	Rupees One Thousand Six Hundred Seventy And Paise Eighty One Only

" DTS APPROVED "

Executive Engineer 7/11/19
Project Division
Yelahanka Zone
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ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ.